

1400Z 06 NOV 64

25X1A

DIRECTOR

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INFO

CITE

8590

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OXCAR7

TO:

FROM:

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1. ATF-81C TEST COMPLETED. TEST ABORTED DUE TO ENGINE PROBLEMS. SYSTEM RAN FOR ABOUT 45 MINUTES. TEST WAS CONDUCTED WITH Q6 PLUG DISCONNECTED DUE TO GROUNDING PROBLEM WITH INS SYSTEM. THE REMOVAL OF THIS PLUG PREVENTS INS INPUTS FROM DRIVING DATA CHAMBER STEPPER MOTORS, SO THERE WILL NOT BE DATA CHAMBER READOUT. THE SYSTEM WAS FLOWN DESPITE THIS KNOWN DISCREPANCY TO CHECK FOCUSING AND HELIUM CONSUMPTION. THIS WAS THE FIRST FLIGHT TEST OF IC SINCE LAST JUNE. GAS CONSUMPTION WAS 5.51 GRAMS PER MINUTE.

2. 1A - SYSTEM STATUS GREEN - VIBRATION SOURCES FOR POSSIBLE IMAGE DEGRADATION UNDER INVESTIGATION.

3. 1B - STATUS GREEN - PREFLIGHT CHECKS COMPLETE.

4. 1C - STATUS GREEN - POSTFLIGHT CHECKOUT IN PROCESS. STARTING INCORPORATION IF ECU'S.

5. 1D - STATUS RED - AWAITING GYRO PACKAGE.

SECRET

GROUP 1
EXCLUDED FROM AUTOMATIC
DOWNGRADING AND
DECLASSIFICATION

DECH

DDSET

ONE
OFA
CD
MO
EB

PR-50
Tech Report

ROUTINE

IN 56450

09A 1-15

25X1A

8390

IN 86490

S E C R E T

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6. IF - STATUS GREEN - CHECKING Q 8 PLUG SIGNAL OUTPUTS
FOR SOLUTION TO PROBLEM OF NADIR PULSE INTERFERENCE TO MAG RE-
CORDER. PROBABLE SOLUTION IS INSTALLATION OF RELAY AND TRANSISTOR
DRIVER TO PROVIDE GROUND CONTACT.

END OF MSG

S E C R E T